

7006



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBST2812-P-9
Job Sheet 182158



SL-S #13

9-06

Part No: RBST2812-P-9

Job Qty: -6 ea

Part Name: Stud



Part Weight: 0 lbs

Status: Scheduled

Priority: High

Job Created: 8/19/18

Job Tracking No:

Due Date: 8/30/18

Created By: Logan David

Type: SOLD

Description:

Note: DWG RBST2800-P Rev. 1 IPP Rev. A 18.06.21 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea	8/30/18	8/30/18	0.00	0.00	Start Up Machining-3		18/11/01
110	Mori Seiki	6 pcs	8/30/18	8/30/18	0.00	3.00	MORI SL-154		18/11/01
120	QC	6 pcs	8/30/18	8/30/18	0.00	0.00	QC2 Machining-4		18/11/01
130	Mill Conv	6 pcs	8/30/18	8/30/18	0.00	1.50	Mill Conv 1		
140	QC	6 pcs	8/30/18	8/30/18	0.00	0.00	QC2 Machining-4		
150	QC	6 pcs	8/30/18	8/30/18	0.00	0.00	QC8 Machining-4		
180	Outsource	6 pcs	8/30/18	8/30/18			GRO002-VC	8	
190	Packaging	6 pcs	8/30/18	8/30/18	0.00	0.00	Packaging2		
200	QC	6 pcs	8/30/18	8/30/18	0.00	0.00	QC6		
210	Packaging	6 pcs	8/30/18	8/30/18	0.00	0.00	Packaging3-1		
220	QC21-SA	6 Ea	8/30/18	8/30/18	0.00	0.00	QC21		

Part Op 110 - 1-Machine as per folio FC 340 FOLIO REV: 9-82-Debur

Descriptions: 130 - 1-Machine as per DWG. 2-Debur

180 - -Issue P/O to GROUPE ALTECH; PO 041549 -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140QT-R0.500	AISI 4140 Quenched & Tempered Steel Round Bar 0.500" Dia.	1.5600 ft (.26 ea)	90-Start up Operation	SA 40571

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MT-4140QT-R0.500	2	15	0

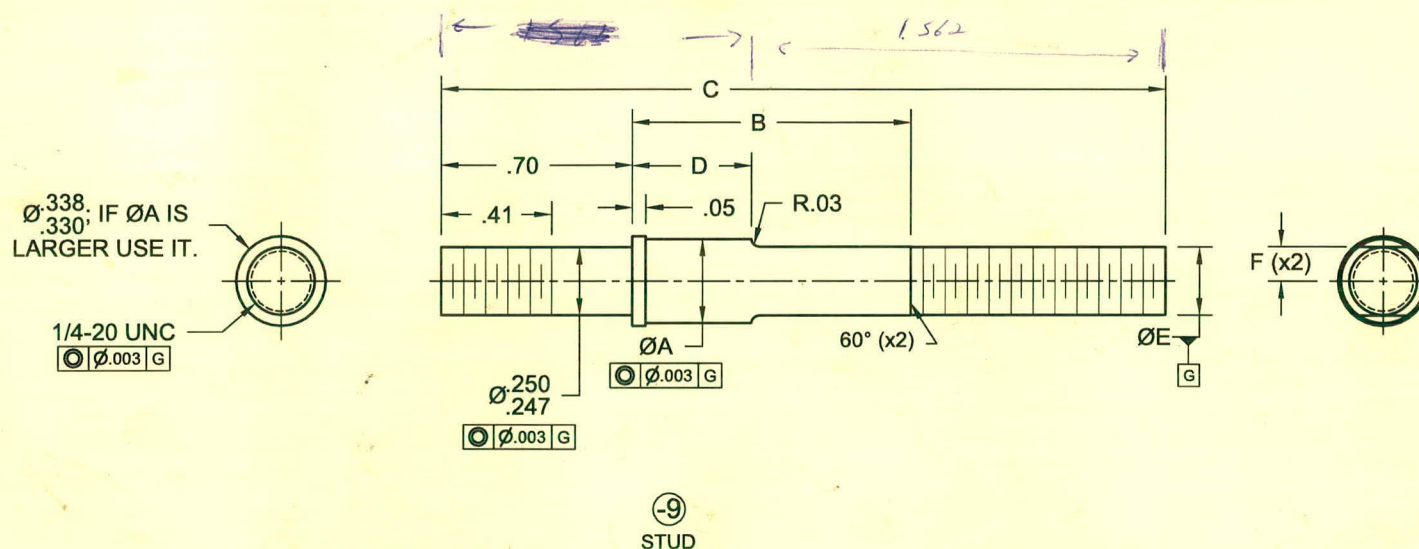
Part Specifications

Specifications could not be found.

Plex 9/6/18 8:52 AM dart.logan.david

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D -9 DATUM TARGET DESIGNATIONS AND FEATURE CONTROL FRAMES.	7/26/12	RJC	SE

[illegible]

 RED BARN MACHINE			
TITLE RBST2800-P SERIES FOR BELL BEARINGS PORTABLE TRI-ROLLER SWAGING TOOL			
DWG NO. TOOL#(see chart)-9 STUD			REV 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°		DRAWN BY: PERRITT APPROVED <i>D. Weid</i> HEAT TREAT FINISH BLACK OXIDE SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON BEARING SEE CHART	
SCALE NTS	DATE 11-09-09	SHEET 6	of 9

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____ Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS					
	Rework ☐		Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐		
	Scrap ☐		Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐		
	Use-as-is ☐		Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐		
	Suspected Unapproved ☐		Large Fab ☐	Composite ☐	Supplier ☐			

Date :	Step #:	QTY Effective :	MRB (QSI042) Approval
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Description Work Order Deviation	Disposition	Completed By
		Lead hand / Supervisor Approval Verification
		QC / QA Coordinator Approval

FAULT CATEGORY	
☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center	☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence

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www.dartaero.com



Container No: S122419



Part: RBST2812 - P - 9

Job No: 182158

Serial No/Batch: S122419

Revision: 1

Inspector:

Exp Date:

Instructions:

Date: 10/29/18

OTHER



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

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PURCHASE ORDER **PO041549**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO041549
PO Date: 11/1/18
Due Date: 11/11/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground
Pynt Terms: Net 60

Freight Terms:
Special Comments: Please confirm delivery date upon pricing

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	182153	RBST2812-P-13	Receiver -Issue P/O to GROUPE ALTECH; PO -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed	-	11/9/18	10 pcs	0 pcs	10 pcs	\$0.866/pcs	\$8.66

10 X NOV 10 2018

Line Item Note ** Need by Nov. 9, confirm if possible



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PURCHASE ORDER **PO041549**

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
2	182157	RBST2812-P-7	Cap -Issue P/O to GROUPE ALTECH; PO -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed	-	11/8/18	10 pcs	0 pcs	10 pcs	\$0.866/pcs	\$8.66
10 X NOV 10 2018											
Line Item Note ** Need by Nov. 9, confirm if possible											
3	178485	RBT18560-3	Ring -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	-	11/9/18	7 pcs	0 pcs	7 pcs	\$1.35/pcs	\$9.45
7X NOV 10 2018											



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PURCHASE ORDER **PO041549**

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	184265	RBE117-12020W17	Mount -Issue P/O to GROUPE ALTECH; PO -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1144 Stress Proof -Certificate of Conformity is required	Firmed	-	11/9/18	8 pcs	0 pcs	8 pcs	\$3.20/pcs	\$25.60
5	185110	RBE117-12020W18	Pusher -Issue P/O to GROUPE ALTECH; PO -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1144 Stress Proof -Certificate of Conformity is required	Firmed	-	11/9/18	4 pcs	0 pcs	4 pcs	\$3.45/pcs	\$13.80

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PURCHASE ORDER **PO041549**

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	184470	RBT18700A-2	Bolt Modified -Issue P/O to GROUPE ALTECH; PO -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; Steel -Certificate of Conformity is required	Firmed	-	11/9/18	12 pcs	0 pcs	12 pcs	\$0.866/pcs	\$10.39
7	182152	RBST2812-P-11	Dual Seat -Issue P/O to GROUPE ALTECH; PO -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed	-	11/9/18	11 pcs	0 pcs	11 pcs	\$1.35/pcs	\$14.85

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Line Item Note **Need for Nov. 11, confirm if doable**



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PURCHASE ORDER **PO041549**

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
8	182158	RBST2812-P-9	Stud -Issue P/O to GROUPE ALTECH; PO -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed -		11/9/18	10 pcs	0 pcs	10 pcs	\$0.866/pcs	\$8.66

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Line Item Note **Need for Nov. 11, confirm if doable**

9	182154	RBST2812-P-15	Tensioner -Issue P/O to GROUPE ALTECH; PO -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed -		11/9/18	10 pcs	0 pcs	10 pcs	\$0.867/pcs	\$8.67
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Line Item Note **Need for Nov. 11, confirm if doable**



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PURCHASE ORDER **PO041549**

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
10	177797	RBEM652V3002101-M-27	Stud -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	-	11/9/18	13 pcs	0 pcs	13 pcs	\$0.866/pcs	\$11.26

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Line Item Note **Need for Nov. 11, confirm if doable**

Grand Total: \$120.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/5/18 10:32 AM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(014102-1)

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Bon de Livraison / Packing Slip

014102 - 1

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.		Bon de commande Client Customer Purchase Order No.			
09-Nov-2018		Aman			041549			
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RBST2812-P-13 Rev. ✓	RBST2812-P-13 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL MIL-C-81309 TYPE 3 WIPE OFF EXCESS	OXIDE-BLACK CH	10	10 ✓	0	0	0
2	RBST2812-P-7 Rev. ✓	RBST2812-P-7 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL MIL-C-81309 TYPE 3 WIPE OFF EXCESS	OXIDE-BLACK CH	10	10 ✓	0	0	0
3	RBT18560-3 Rev. ✓	RBT18560-11 BLACK OXIDE FINISH MIL-C-13924C CLASS 1	OXIDE-BLACK CH	7	7 ✓	0	0	0
4	RBE117-12020W17 Rev. ✓	RBE117-12020W17 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL MIL-C-81309 TYPE 3 WIPE OFF EXCESS	OXIDE-BLACK CH	8	8 ✓	0	0	0
5	RBE117-12020W18 Rev. ✓	RBE117-12020W18 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL MIL-C-81309 TYPE 3 WIPE OFF EXCESS	OXIDE-BLACK CH	4	4 ✓	0	0	0
6	RBT18700A-2 Rev. ✓	RBT18700A-2 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL MIL-PRF-16173 GRADE 3 CLASS 1	OXIDE-BLACK CH	12	12 ✓	0	0	0
7	RBST2812-P-11 Rev. ✓	RBST2812-P-11 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL MIL-C-81309 TYPE 3 WIPE OFF EXCESS	OXIDE-BLACK CH	11	11 ✓	0	0	0
8	RBST2812-P-9 Rev. ✓	RBST2812-P-9 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL MIL-C-81309 TYPE 3 WIPE OFF EXCESS	OXIDE-BLACK CH	10	10 ✓	0	0	0
9	RBST2812-P-15 Rev. ✓	RBST2812-P-15 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL MIL-C-81309 TYPE 3 WIPE OFF EXCESS	OXIDE-BLACK CH	10	10 ✓	0	0	0

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Certificat de Conformité / Certificate of Compliance

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Livré à / Ship to

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 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.		Bon de commande Client Customer Purchase Order No.				
09-Nov-2018		Aman			041549				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Quantités / Quantities Qté NC/ NC Qty		Qté Scrap/	À venir/ Back Order
10	RBEM652V3002101-M-27 Rev. ✓	RBEM652V3002101-M-27 BLACK OXIDE FINISH MIL-C-13924C CLASS 1	OXIDE-BLACK CH	13	13 ✓	0	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.

